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(54) Title: **CATHEPSIN CYSTEINE PROTEASE INHIBITORS**

(57) Abstract: This invention relates to a class of compounds having the general formula (I) which are cysteine protease inhibitors, including but not limited to, inhibitors of cathepsins K, L, S and B. These compounds are useful for treating diseases in which inhibition of bone resorption is indicated, such as osteoporosis.

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